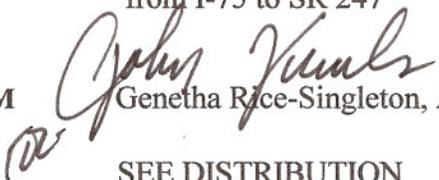


DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0000566, Bibb County **OFFICE** Preconstruction  
STP-0000-00(566)  
Sardis Church Rd/CR 717 **DATE** October 16, 2006  
from I-75 to SR 247

**FROM**  Genetha Rice-Singleton, Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keeper  
Ken Thompson  
Michael Henry  
Keith Golden  
Joe Palladi  
Paul Liles  
Ben Buchan  
Thomas Howell  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0000-00(566), Bibb County  
Sardis Church Rd/CR 717 from I-75 to  
SR 247/Hawkinsville Rd.  
P.I. No.: 0000566  
*James B. Buchan*  
**FROM** James B. Buchan, P.E. State Urban Design Engineer

**OFFICE** Urban Design

**DATE** October 6, 2006

**TO** Genetha Rice-Singleton, Assistant Director of Preconstruction

**SUBJECT** Request for Location and Design Approval

**DESCRIPTION and PROJECT PROPOSAL:** The proposed project widens existing Sardis Church Road from 1100 feet east of Skipper Road. From this point, the alignment continues east and south on new location bridging the Central Georgia Railroad and Industrial Highway/US 41 and then turns east and connects with existing Avondale Mill Road. The alignment follows Avondale Mill Road for 1.70 miles then terminates at the intersection of Avondale Mill Road and SR 247/US 129 where a trumpet interchange is proposed. The proposed typical section will consist of two 12-foot lanes in both directions with 4-foot bike lanes on each side, separated by a 20-foot raised median, with 12-foot shoulders including 2.5-feet of curb and gutter along with 5-foot sidewalks on both sides. The length of the project is approximately 6.71 miles.

**CONCEPT APPROVAL DATE:** Concept approved on October 19, 2001.

**CONCEPT UPDATE:** There were no changes made to the concept report after the concept approval date.

**ENVIRONMENTAL ASSESSMENT AND REASSESSMENT APPROVAL DATE:**  
Environmental Assessment/FONSI approved on June 30, 2006.

**PUBLIC INVOLVEMENT:** Four Public Information Meetings were held for project STP-0000-00(566) as well as project number NH-75-1(246), along with one Public Hearing Open House.

- **Public Information Meeting #1**

The meeting was held on April 29, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 180 residents in attendance at this first meeting. There were no selected routes chosen for the proposed connector at this meeting. Input was gathered from those in attendance that, in combination with other considerations such as projected traffic volumes, costs, and

environmental and property impacts, were used to develop alternates to be presented at Meeting 2. The results of Meeting 1 were as follows:

- Favor some form of the project	65
▪ Favor a route south of the airport	20
▪ Favor a route north of the airport	13
▪ Conditional comments	15
▪ General support of the project	13
▪ Favor interchange at Sardis Church	4
- Do not favor any form of the project	17
- Uncommitted	14
- Total	96

• **Public Information Meeting #2**

The meeting was held on June 8, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 197 residents attending this second meeting. As a result of comments and/or concerns expressed at the April 29, 1999 meeting, five alternates were presented in the second meeting. At the time of the meeting all five alignments were being evaluated for environmental, property, and community impacts. Also included was a "No Build Alternate". With a total of five build alternates presented at the June 8, 1999, meeting, Alternate 5 had the greatest singular public support. However, there was considerable support at the June 8, 1999 meeting for Alternates 1, 2, 3, and 4, as well, and there was less opposition stated for these alternates than for Alternate 5. Below is the number of responses received regarding the alternates. Some comments favored and/or opposed more than one alternate.

- Favor Alternate 1 = 7	Oppose Alternate 1 = 5	Conditional Support = 1
- Favor Alternate 2 = 5	Oppose Alternate 2 = 5	Conditional Support = 1
- Favor Alternate 3 = 4	Oppose Alternate 3 = 2	
- Favor Alternate 4 = 4	Oppose Alternate 4 = 1	
- Favor Alternate 5 = 18	Oppose Alternate 5 = 6	
- Favor "No Build" Alternate = 6		
- Favor Intersection at Sardis Church Road = 2		
- Other alternates suggested/conditional comments = 6		
- Uncommitted = 1		
- Total = 74		

• **Public Information Meeting #3**

The meeting was held on November 9, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 128 residents attending the third meeting. At this meeting, the preferred alternate alignment for the proposed connector was presented to those in attendance. The majority of those commenting at this meeting did not support the proposed connector; however, 28 percent of

those commenting did offer support for the project in general. The following are the results from comments received:

- Support the Project	12
- Do not Support the Project	25
- Other alternate/conditional	2
- Uncommitted/No Comment	10
- Total	49

• **Public Information Meeting #4**

The meeting was held on February 22, 2001 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 187 residents attending this meeting. The participants were informed that projected traffic for the proposed connector indicates that four lanes should be built, not two lanes as had been discussed earlier for the portion of the project south of Houston Road. They were also informed that an interchange is now being proposed at the intersection with U.S. 129/U.S. 41/S.R. 247 in lieu of an at-grade intersection, and would eliminate the need for cars to cross the railroad tracks located on the west side of U.S. 129/U.S. 41/S.R. 247. The following is a summary of the results:

- Support the Project	4
- Do not Support the Project	16
- Conditional Support	7
- Uncommitted	0
- Total	27

• **Public Hearing Open House**

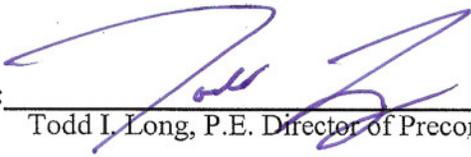
The open house hearing was held on January 24, 2006 at the Porter Ellis Community Center in Macon, Georgia from 4:00pm to 7:00pm. No formal presentation was given at this open house hearing. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials. There were approximately 490 residents attending this meeting. The participants were shown the preferred alternative and typical sections for the proposed project. The following is a summary of the results of comments received during the open house and the 10-day comment period:

- Support the Project	13
- Do not Support the Project	33
- Conditional Support	18
- Uncommitted	12
- Total	76

**CONSISTENCY WITH APPROVED PLANNING:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**RECOMMENDATIONS:** The Office of Urban Design recommends that the location and design for this project be approved and that the attached Notice be approved for advertising.

**RECOMMEND:**   
Todd I. Long, P.E. Director of Preconstruction

**APPROVE:**    
David E. Studstill, Jr., P.E., Chief Engineer      Date of Approval

  
JBB:NSL

- Attachments:  
Location Sketch  
Cost Estimate  
Notice of Location and Design

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**PROJECT STP-0000-00(566), BIBB COUNTY, GEORGIA**  
**P.I. NO.: 0000566**

Notice is hereby given in compliance with *Georgia Code 22-2-109* that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location and Design Approval: OCTOBER 16, 2006

The proposed project is located entirely within Bibb County, Congressional District 3, and Land Lots 98, 99, 105, 129-136, 155-158, 171, and 181-184. The project proposes to widen and extend existing Sardis Church Road on new location to SR 247/US 129.

The proposed project would widen existing Sardis Church Road from 1100 feet east of Skipper Road. From this point the alignment continues east and south on new location bridging the Central Georgia Railroad and Industrial Highway/US 41. The alignment then turns east and connects with existing Avondale Mill Road for 1.70 miles where it terminates at the intersection of Avondale Mill Road and SR 247/US 129 with a grade separated interchange. The proposed typical section consists of two travel lanes in both directions separated by a raised grass median. The project will also include bike lanes and urban type shoulders with curb and gutter and sidewalks on both sides.

Drawings, maps, or plats of the proposed project, as approved, are and on file and available for inspection at the Georgia Department of Transportation:

Clinton Ford, Area Engineer  
clinton.ford@dot.state.ga.us  
4499 Riverside Drive  
Macon, Georgia 31210  
(478) 757-2601

Any interested party may obtain a copy of the drawings, maps, plats, or portions thereof, by paying a nominal fee and requesting in writing to:

James B. Buchan, P.E., State Urban Design Engineer  
Office of Urban Design  
ben.buchan@dot.state.ga.us  
No. 2 Capitol Square, SW  
Atlanta, Georgia 30334  
Phone (404)656-5436

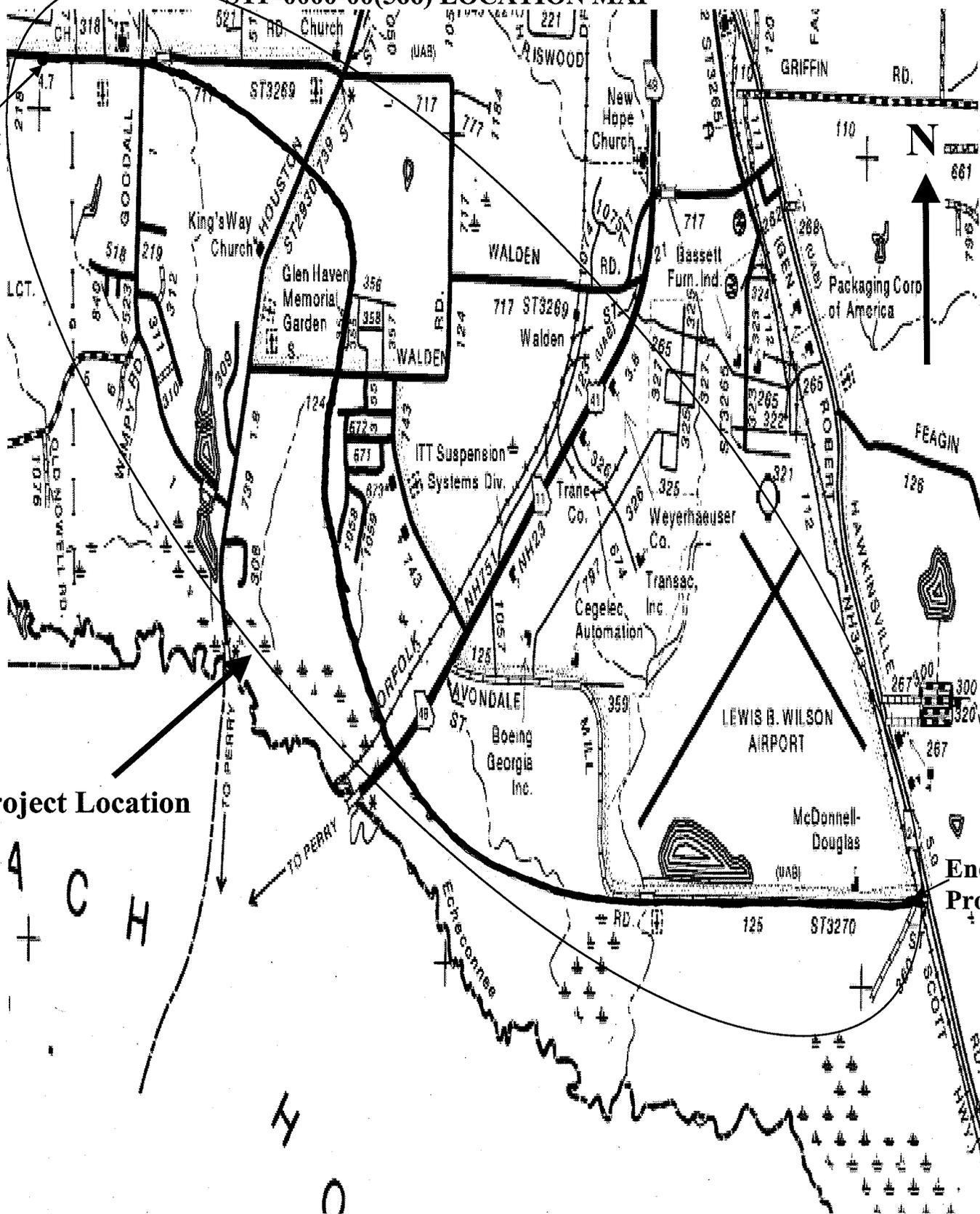
Any written request in reference to this Notice should include the Project and P.I. Numbers as noted at the top of this notice.

# STP-0000-00(566) LOCATION MAP

Begin Project

Project Location

End Project



A  
+  
C  
H

H  
C

**Estimate Report for file "0000566"**

<b>Section ROADWAY ITEMS</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	150000.00	TRAFFIC CONTROL -	150000.00
153-1300	1	EA	61263.44	FIELD ENGINEERS OFFICE TP 3	61263.44
201-1500	1	LS	800000.00	CLEARING & GRUBBING -	800000.00
210-0100	1	LS	4678600.00	GRADING COMPLETE -	4678600.00
310-1101	198000	TN	20.00	GR AGGR BASE CRS, INCL MATL	3960000.00
318-3000	5000	TN	17.53	AGGR SURF CRS	87650.00
402-1812	2500	TN	75.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	187500.00
402-3112	32200	TN	75.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2415000.00
402-3121	78500	TN	75.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	5887500.00
402-3130	24500	TN	75.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	1837500.00
413-1000	23400	GL	2.00	BITUM TACK COAT	46800.00
433-1000	2390	SY	148.69	REINF CONC APPROACH SLAB	355369.10
441-0104	32000	SY	28.82	CONC SIDEWALK, 4 IN	922240.00
441-0204	1000	SY	30.41	PLAIN CONC DITCH PAVING, 4 IN	30410.00
441-0740	2600	SY	28.42	CONCRETE MEDIAN, 4 IN	73892.00
441-4020	1700	SY	32.74	CONC VALLEY GUTTER, 6 IN	55658.00
441-6222	61350	LF	14.15	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	868102.50
441-6740	63900	LF	12.42	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	793638.00
446-1100	7500	LF	4.27	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	32025.00
500-9999	100	CY	175.26	CLASS B CONC, BASE OR PVMT WIDENING	17526.00
621-3021	1150	LF	108.20	CONCRETE BARRIER, TYPE 21	124430.00
621-3022	250	LF	270.41	CONCRETE BARRIER, TYPE 22	67602.50
621-4023	500	LF	602.58	CONCRETE SIDE BARRIER, TYPE 2C	301290.00
624-0101	25000	SF	20.74	SOUND BARRIER, TYPE B, 0-10 FT HT	518500.00
634-1200	285	EA	92.80	RIGHT OF WAY MARKERS	26448.00
641-1100	500	LF	32.32	GUARDRAIL, TP T	16160.00
641-1200	7050	LF	14.88	GUARDRAIL, TP W	104904.00
641-5001	11	EA	512.84	GUARDRAIL ANCHORAGE, TP 1	5641.24
641-5012	9	EA	1615.76	GUARDRAIL ANCHORAGE, TP 12	14541.84
650-1100	2	EA	11911.09	IMPACT ATTENUATOR UNIT (CRASH COMPRESSION CUSHION) TYPE P-	23822.18
<b>Section Sub Total:</b>					<b>\$24,464,013.80</b>

<b>Section Drainage</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	3400	CY	499.20	CLASS A CONCRETE	1697280.00
511-1000	373000	LB	0.83	BAR REINF STEEL	309590.00
550-1180	31930	LF	34.45	STORM DRAIN PIPE, 18 IN, H 1-10	1099988.50
550-1240	14530	LF	41.83	STORM DRAIN PIPE, 24 IN, H 1-10	607789.90
550-1243	220	LF	61.18	STORM DRAIN PIPE, 24 IN, H 20-25	13459.60
550-1247	270	LF	58.25	STORM DRAIN PIPE, 24 IN, H 40-50	15727.50
550-1301	2150	LF	57.37	STORM DRAIN PIPE, 30 IN, H 10-15	123345.50
550-1360	150	LF	63.81	STORM DRAIN PIPE, 36 IN, H 1-10	9571.50
550-1480	150	LF	106.39	STORM DRAIN PIPE, 48 IN, H 1-10	15958.50
550-1542	180	LF	282.37	STORM DRAIN PIPE, 54 IN, H 15-20	50826.60
550-1602	200	LF	225.05	STORM DRAIN PIPE, 60 IN, H 15-20	45010.00
550-4130	12	EA	488.03	FLARED END SECTION 30 IN, SIDE DRAIN	5856.36
550-4136	2	EA	578.63	FLARED END SECTION 36 IN, SIDE DRAIN	1157.26
550-4218	53	EA	532.93	FLARED END SECTION 18 IN, STORM DRAIN	28245.29
550-4224	8	EA	613.11	FLARED END SECTION 24 IN, STORM DRAIN	4904.88
603-2018	1235	SY	40.59	STN DUMPED RIP RAP, TP 1, 18 IN	50128.65
603-7000	1235	SY	4.22	PLASTIC FILTER FABRIC	5211.70
668-1100	225	EA	1847.00	CATCH BASIN, GP 1	415575.00
<b>Section Sub Total:</b>					<b>\$4,499,626.74</b>

<b>Section Signing and Marking</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost

636-1020	3000	SF	14.20	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	42600.00
636-1029	300	SF	19.05	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	5715.00
636-2070	2000	LF	7.23	GALV STEEL POSTS, TP 7	14460.00
636-2080	250	LF	9.15	GALV STEEL POSTS, TP 8	2287.50
639-3004	12	EA	9252.50	STEEL STRAIN POLE, TP IV	111030.00
647-1000	1	LS	57372.00	TRAFFIC SIGNAL INSTALLATION NO - 1	57372.00
647-1000	1	LS	47567.00	TRAFFIC SIGNAL INSTALLATION NO - 2	47567.00
647-1000	1	LS	40681.00	TRAFFIC SIGNAL INSTALLATION NO - 3	40681.00
653-0110	3	EA	59.81	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	179.43
653-0120	68	EA	62.33	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	4238.44
653-0170	36	EA	78.04	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	2809.44
653-1501	68500	LF	0.29	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	19865.00
653-1502	66500	LF	0.28	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	18620.00
653-1704	350	LF	3.54	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1239.00
653-1804	750	LF	1.73	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	1297.50
653-3501	70000	GLF	0.18	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	12600.00
653-6004	15000	SY	2.59	THERMOPLASTIC TRAF STRIPING, WHITE	38850.00
653-6006	2000	SY	2.79	THERMOPLASTIC TRAF STRIPING, YELLOW	5580.00
654-1003	2500	EA	3.79	RAISED PVMT MARKERS TP 3	9475.00
657-1054	1675	LF	3.54	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	5929.50
657-3054	800	GLF	2.72	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	2176.00
<b>Section Sub Total:</b>					<b>\$444,571.81</b>

**Section BRIDGE ITEMS**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
999-0001	1	Lump Sum	1230000.00	BRIDGE #1 SARDIS CHURCH over NSRR	1230000.00
999-0002	1	Lump Sum	1792500.00	BRIDGE #2 SARDIS CHURCH over INDUSTRIAL HWY	1792500.00
999-0003	1	Lump Sum	3247500.00	BRIDGE #3 SARDIS CHURCH over NSRR & US129	3247500.00
999-0004	1	Lump Sum	1100000.00	BRIDGE #4 RAMP A	1100000.00
999-0005	1	Lump Sum	1100000.00	BRIDGE #5 RAMP B	1100000.00
<b>Section Sub Total:</b>					<b>\$8,470,000.00</b>

**Section EROSION CONTROL-PERMANENT**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	210	AC	818.81	PERMANENT GRASSING	171950.10
700-7000	250	TN	58.72	AGRICULTURAL LIME	14680.00
700-7010	525	GL	18.66	LIQUID LIME	9796.50
700-8000	50	TN	276.28	FERTILIZER MIXED GRADE	13814.00
700-8100	10500	LB	1.65	FERTILIZER NITROGEN CONTENT	17325.00
710-9000	2500	SY	4.19	PERMANENT SOIL REINFORCING MAT	10475.00
<b>Section Sub Total:</b>					<b>\$238,040.60</b>

**Section EROSION CONTROL-TEMPORARY**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	65	AC	496.63	TEMPORARY GRASSING	32280.95
163-0240	630	TN	198.35	MULCH	124960.50
163-0300	6	EA	1796.72	CONSTRUCTION EXIT	10780.32
163-0503	12	EA	508.24	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	6098.88
163-0520	400	LF	13.77	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	5508.00
163-0530	20000	LF	2.91	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	58200.00
165-0010	1600	LF	1.08	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1728.00
165-0030	30000	LF	1.28	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	38400.00
165-0070	10000	LF	1.70	MAINTENANCE OF BALED STRAW EROSION CHECK	17000.00
165-0087	6	EA	181.07	MAINTENANCE OF SILT CONTROL GATE, TP 3	1086.42
165-0101	6	EA	467.88	MAINTENANCE OF CONSTRUCTION EXIT	2807.28
167-1000	2	EA	1692.56	WATER QUALITY MONITORING AND SAMPLING	3385.12

167-1500	24	MO	894.05	WATER QUALITY INSPECTIONS	21457.20
171-0010	3200	LF	1.91	TEMPORARY SILT FENCE, TYPE A	6112.00
171-0030	60000	LF	3.30	TEMPORARY SILT FENCE, TYPE C	198000.00
716-2000	100000	SY	1.11	EROSION CONTROL MATS, SLOPES	111000.00
<b>Section Sub Total:</b>					<b>\$638,804.67</b>

**Total Estimated Cost: \$38,755,057.62**

**Subtotal Construction Cost \$38,755,057.62**

E&C Rate 10.0 % \$3,875,505.76

Inflation Rate 0.0 % @ 0.0 Years \$0.00

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**Total Construction Cost \$42,630,563.38**

Right Of Way \$0.00

ReImb. Utilities \$0.00

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**Grand Total Project Cost \$42,630,563.38**